

ABSTRACT

A method (100) for scheduling packet data transmissions in a wireless communication system wherein a per-user Priority Function (PF) is calculated as a function of packet delay time of the user. When a given user has a packet delay time violating a threshold, the PF of the user is adjusted accordingly. In one embodiment, a delay function is applied to the PF calculation, wherein the delay function considers the average requested data rate for all users in the active set having pending data and the average data rate of a given user.

TOP SECRET//COMINT